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Fig. 1

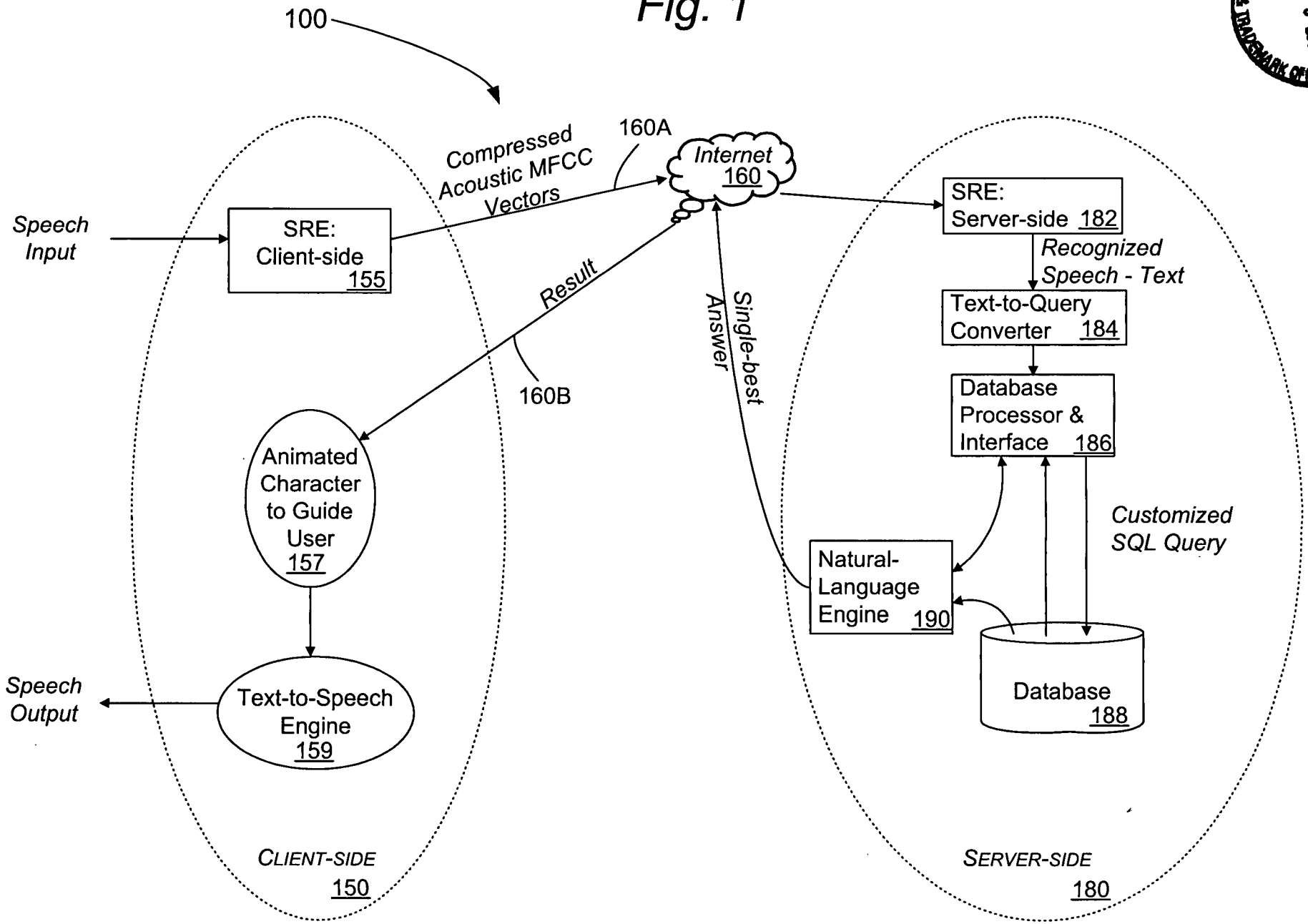

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Figure 2 (Page 1/3)

CLIENT-SIDE SYSTEM LOGIC

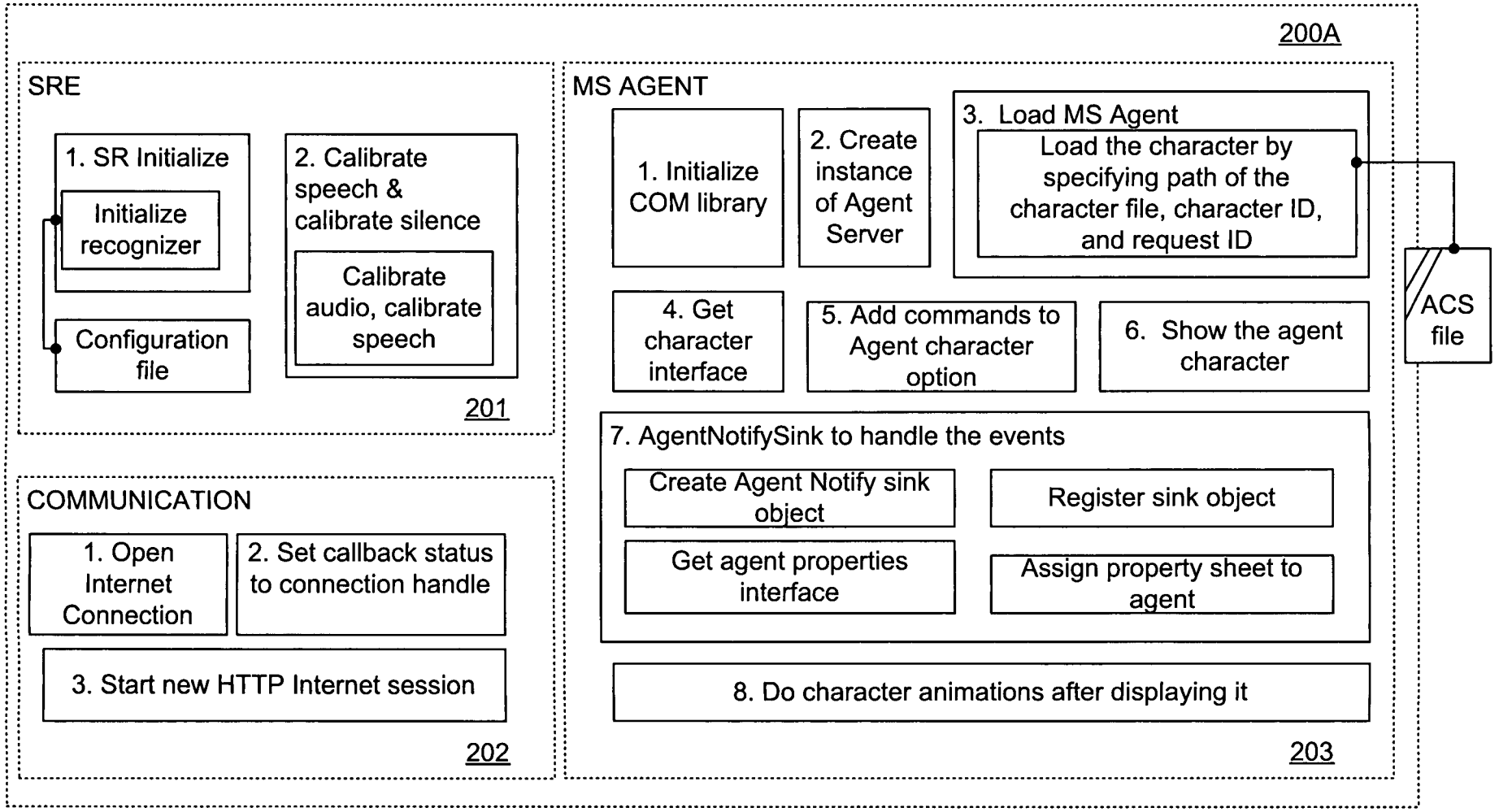

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Figure 2 (Page 2/3)

CLIENT-SIDE SYSTEM LOGIC

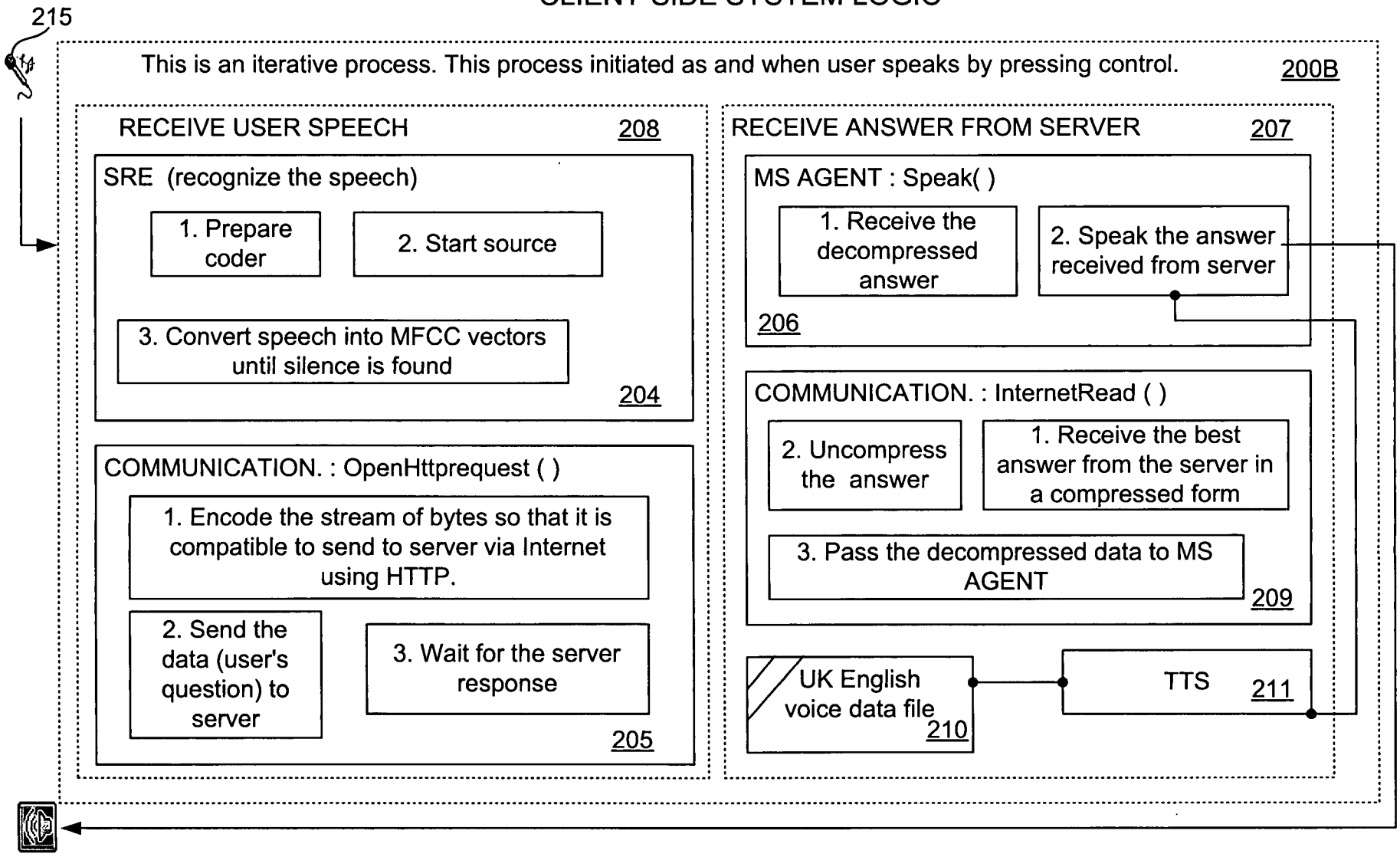

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Figure 2 (Page 3/3)

CLIENT-SIDE SYSTEM LOGIC

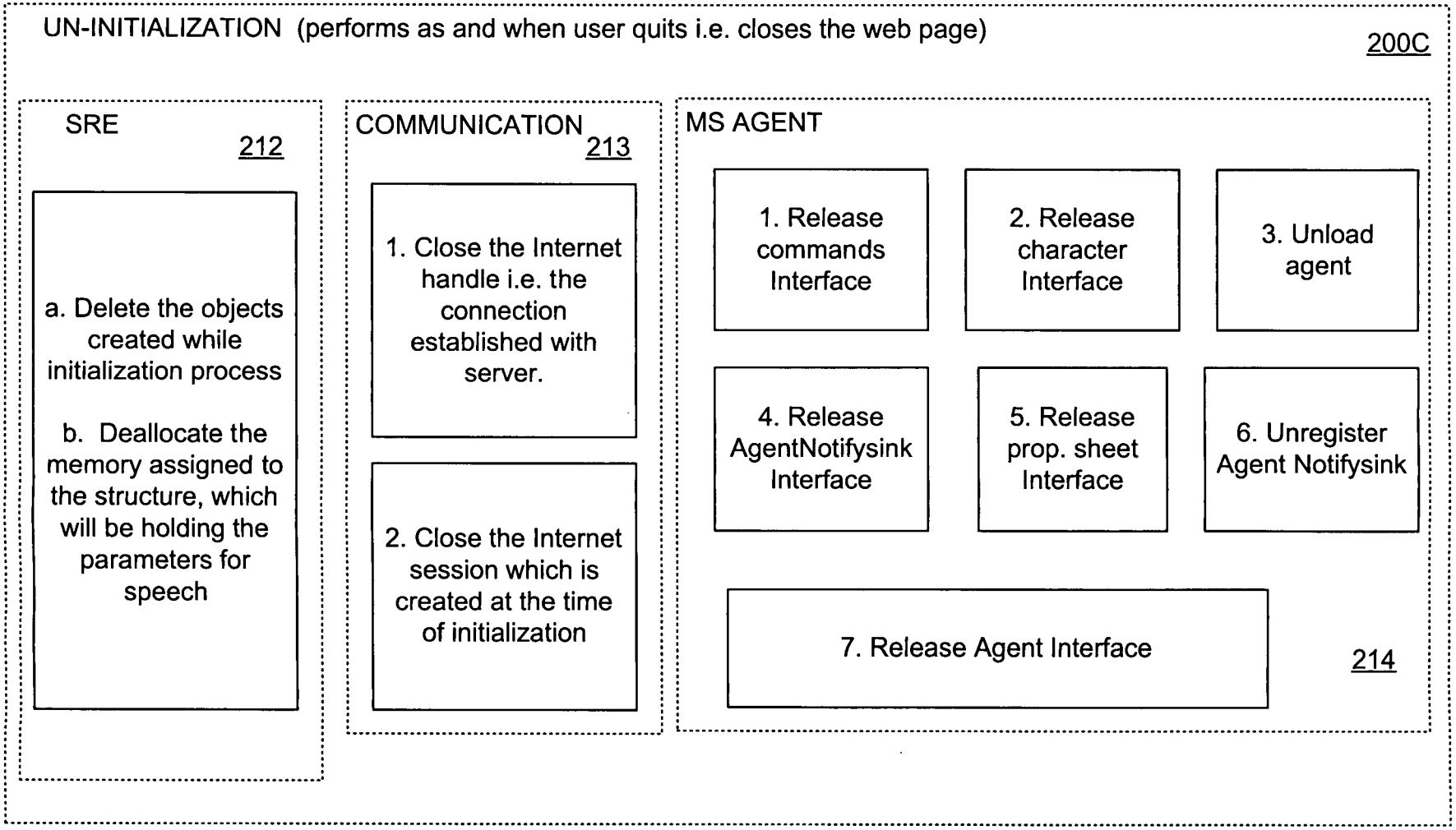

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Fig. 2-2 Client-side Initialization

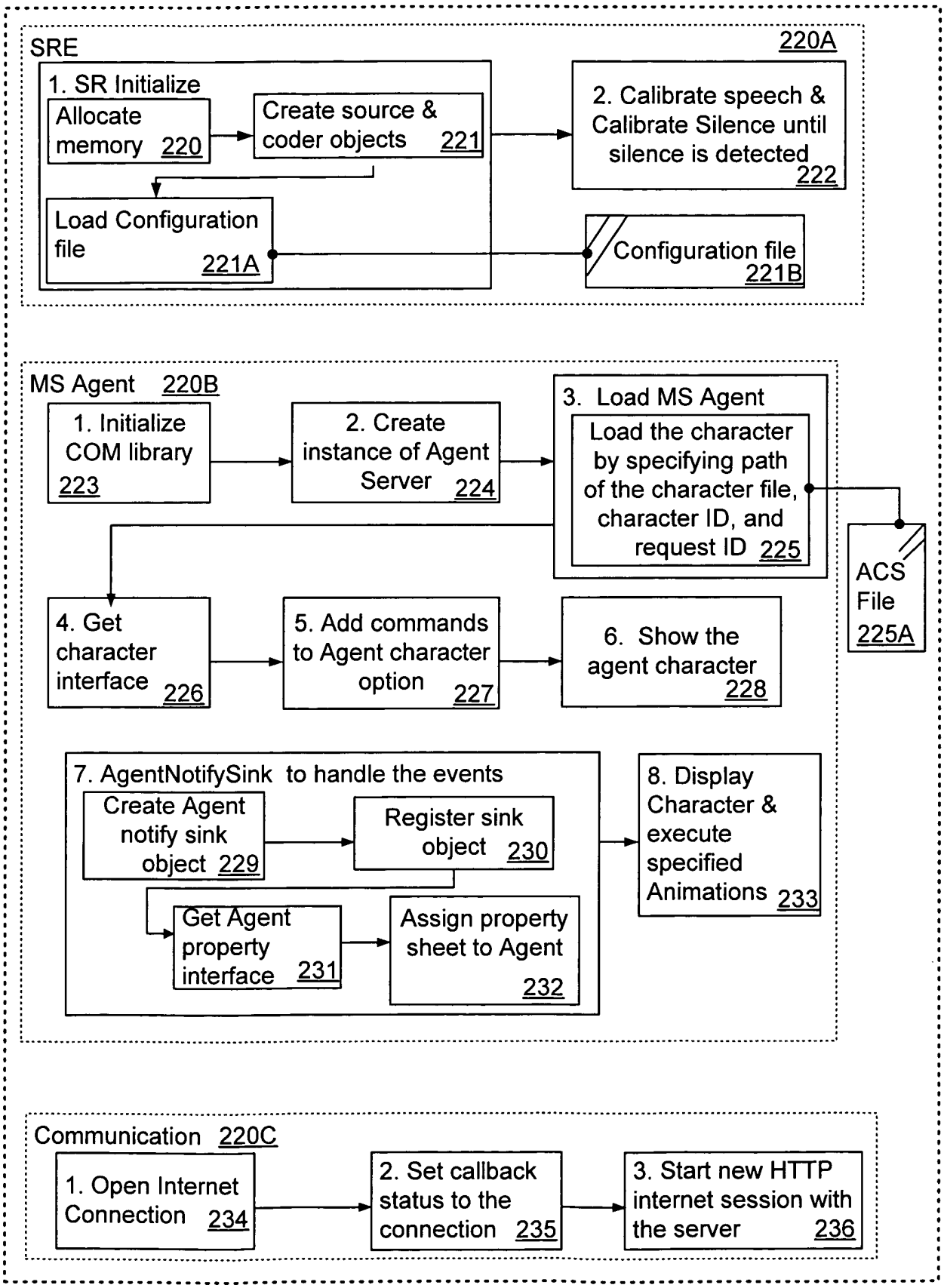

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Fig. 3

Client-side Iterative Process

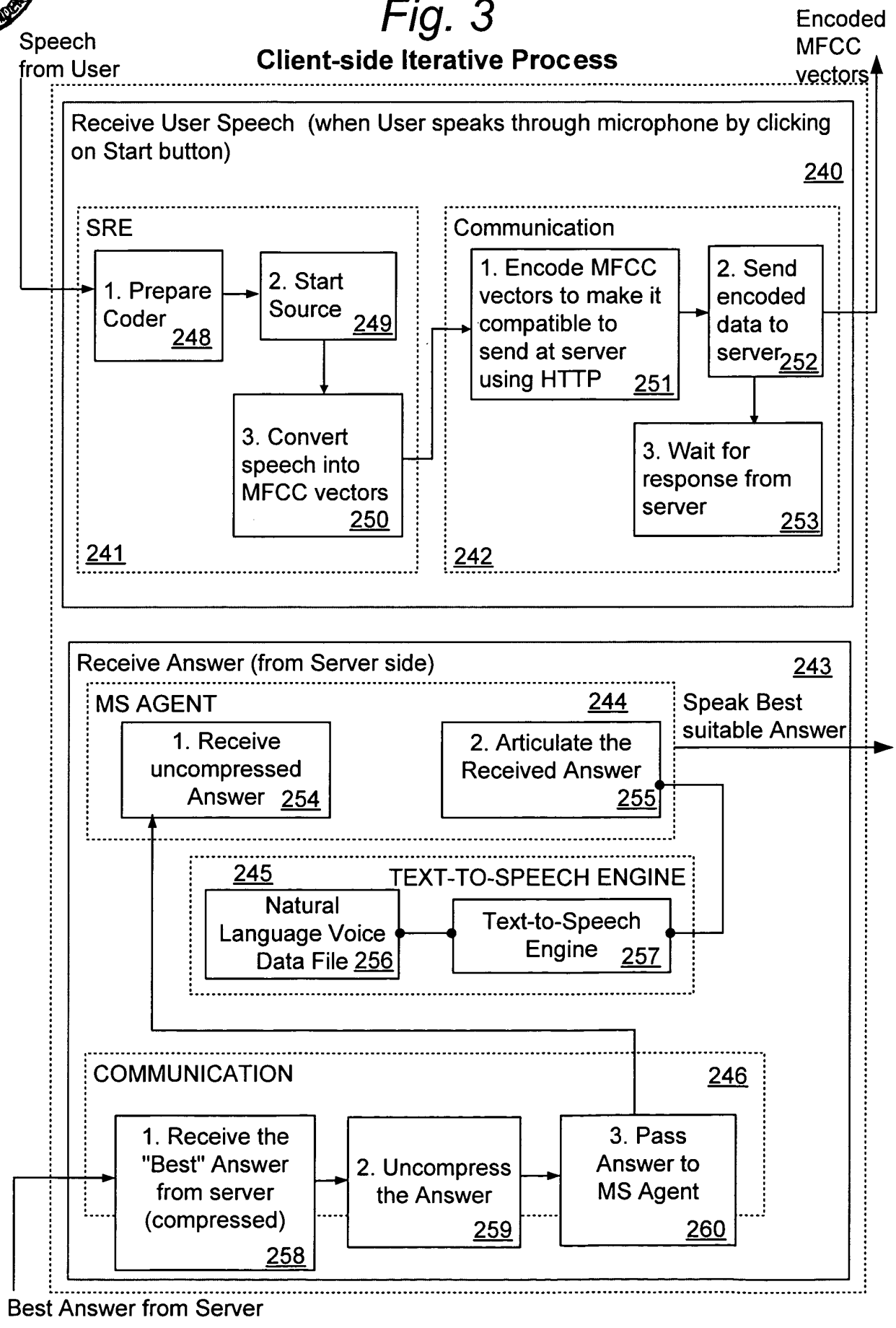

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Fig. 4

Client-side Un-Initialization

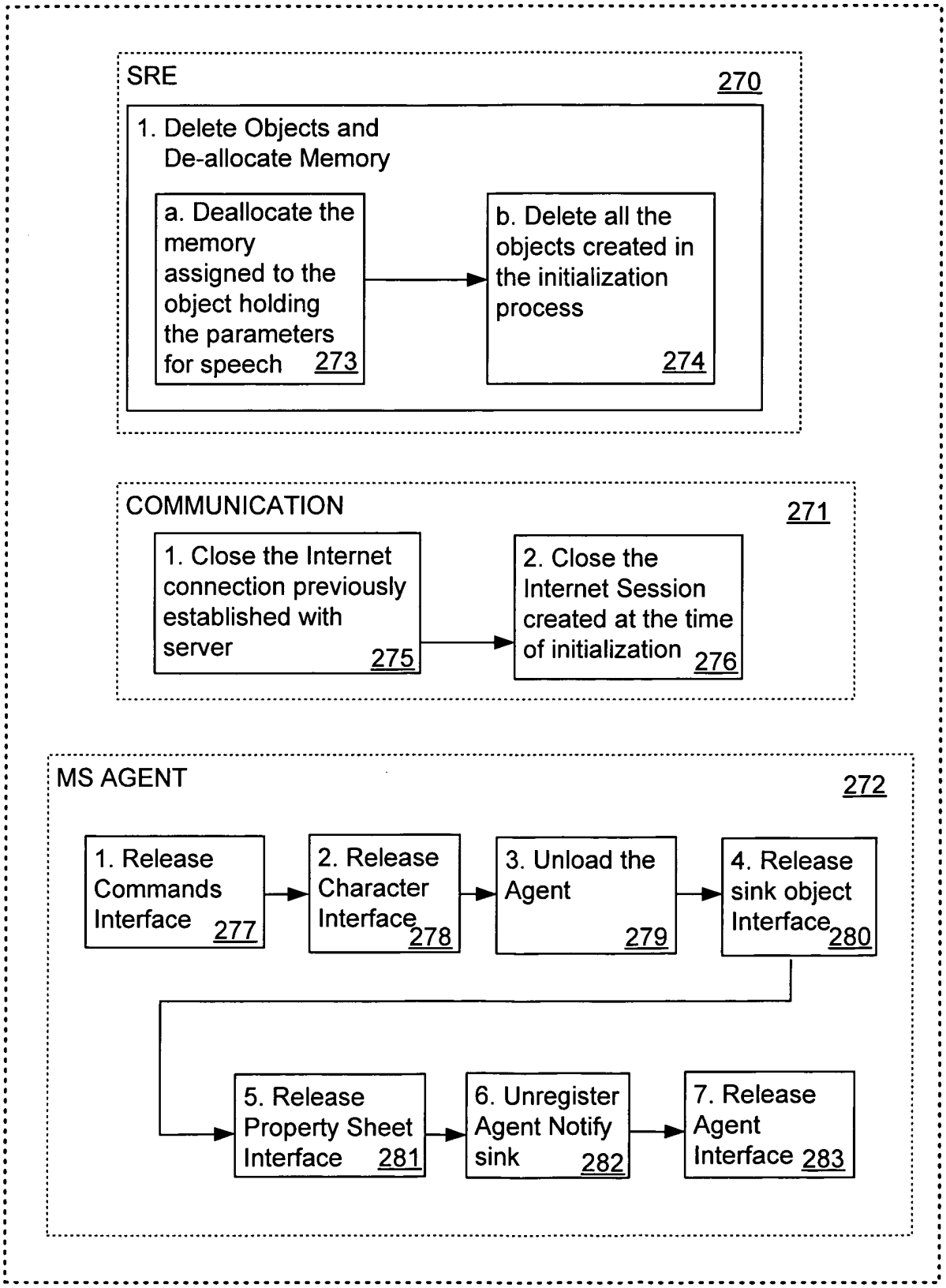

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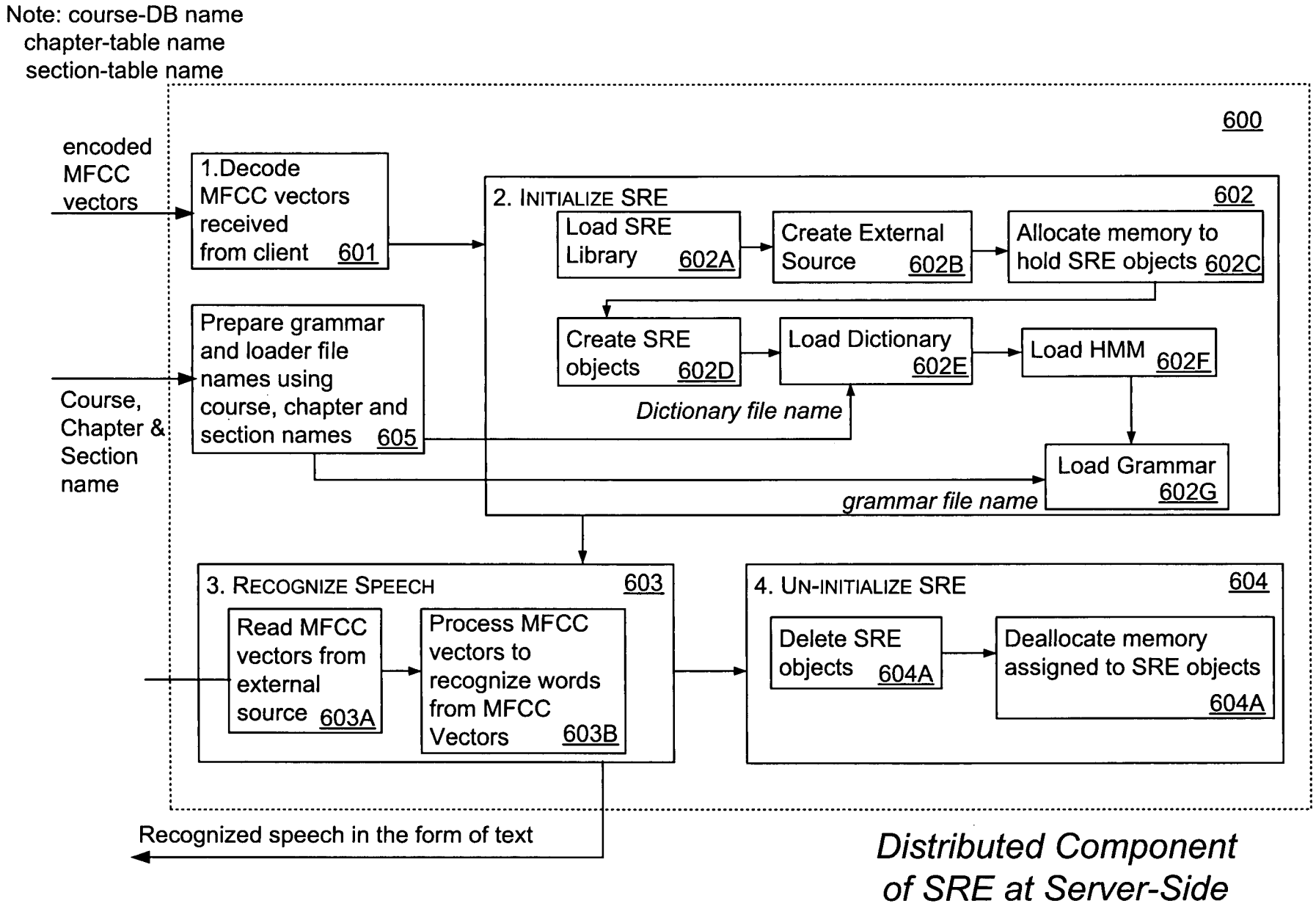
Fig. 4A



Distributed Component of SRE at Server-Side

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Fig. 4B

Build of SQL Query

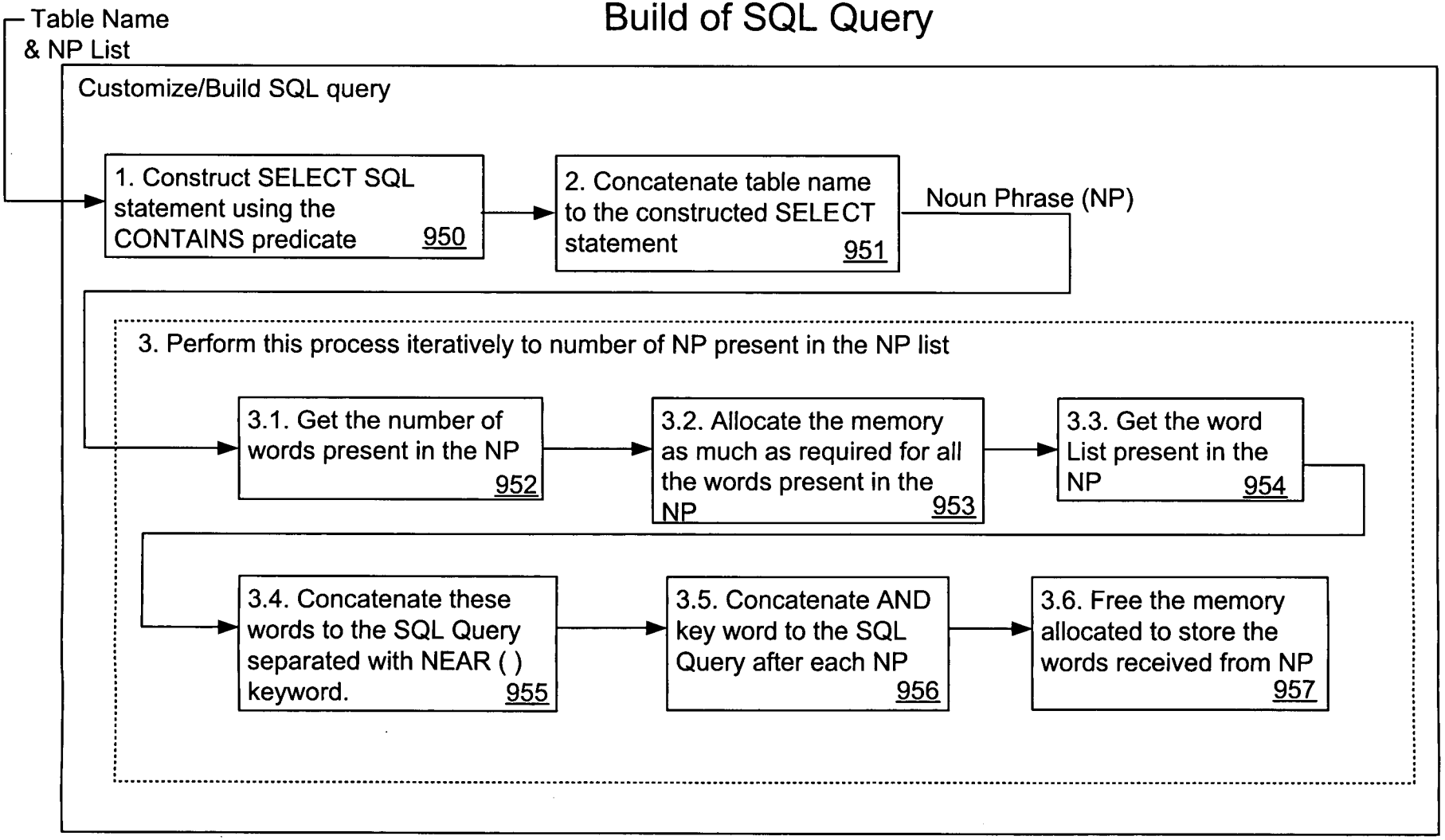

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Fig. 4C

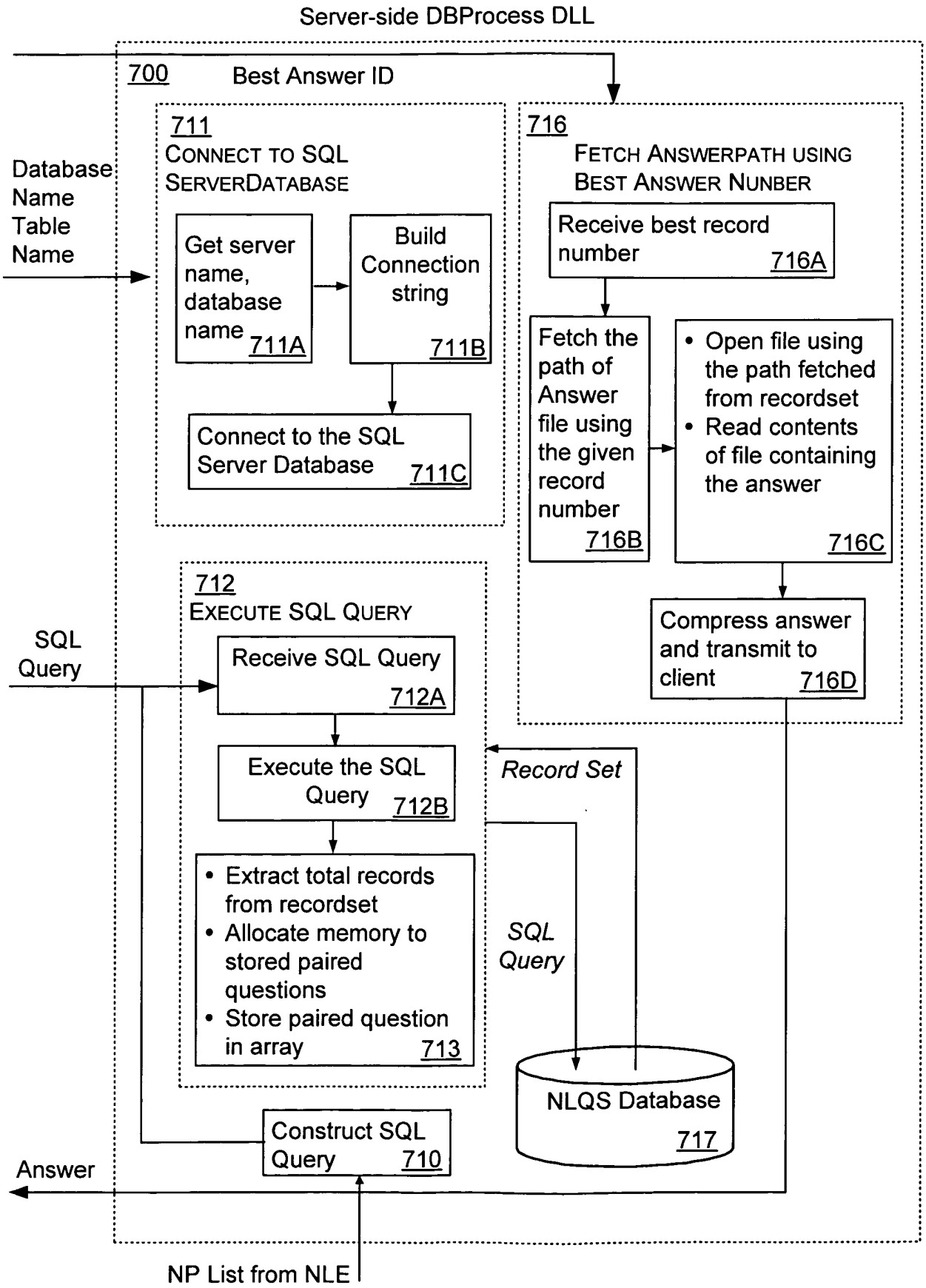

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Fig. 4D

Note: PQ - Paired Question
NP- Noun Phrase
Red Line - I / O

Interface Logic between NLE and DBProcess.DLL

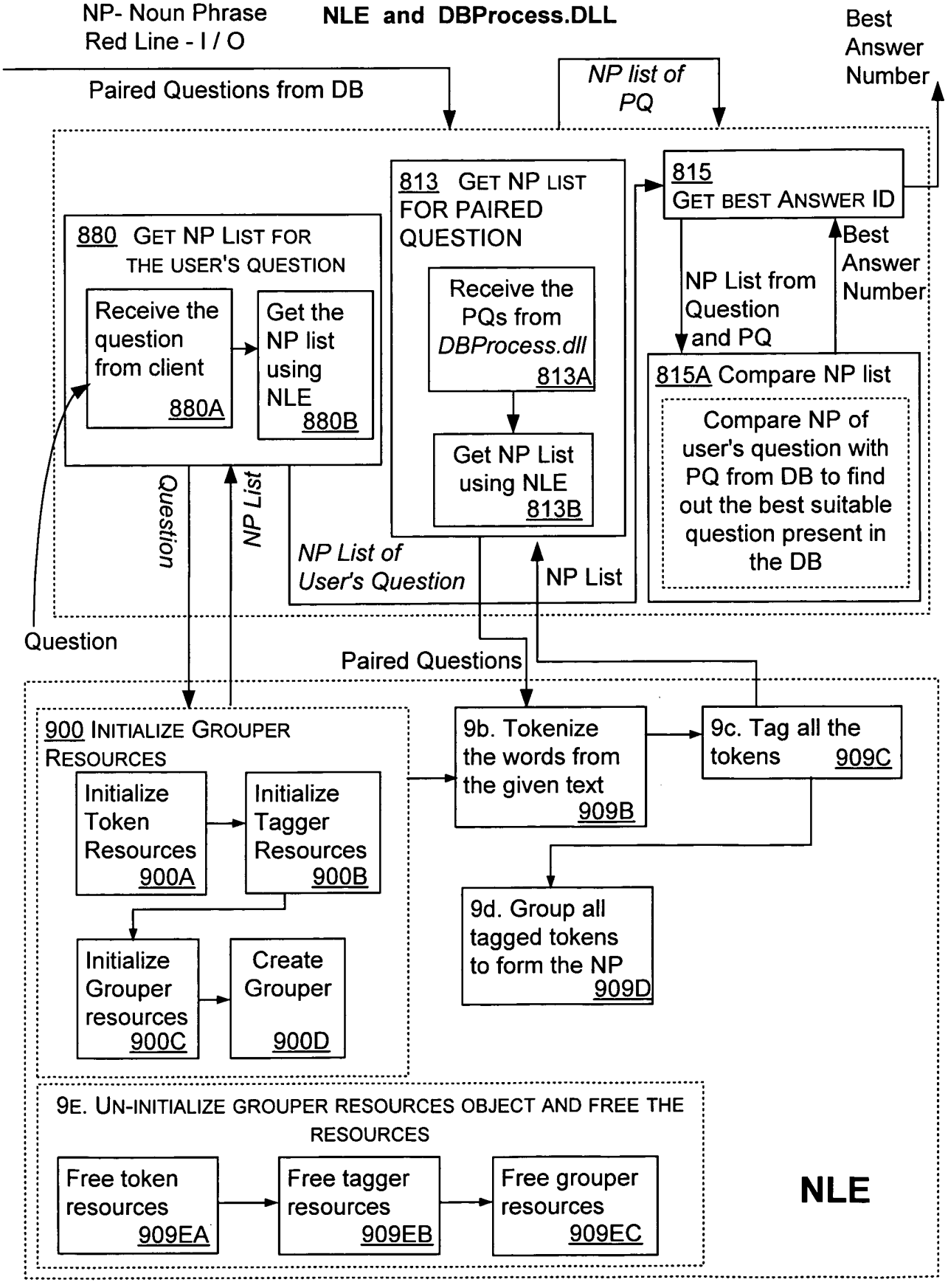

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Fig. 5

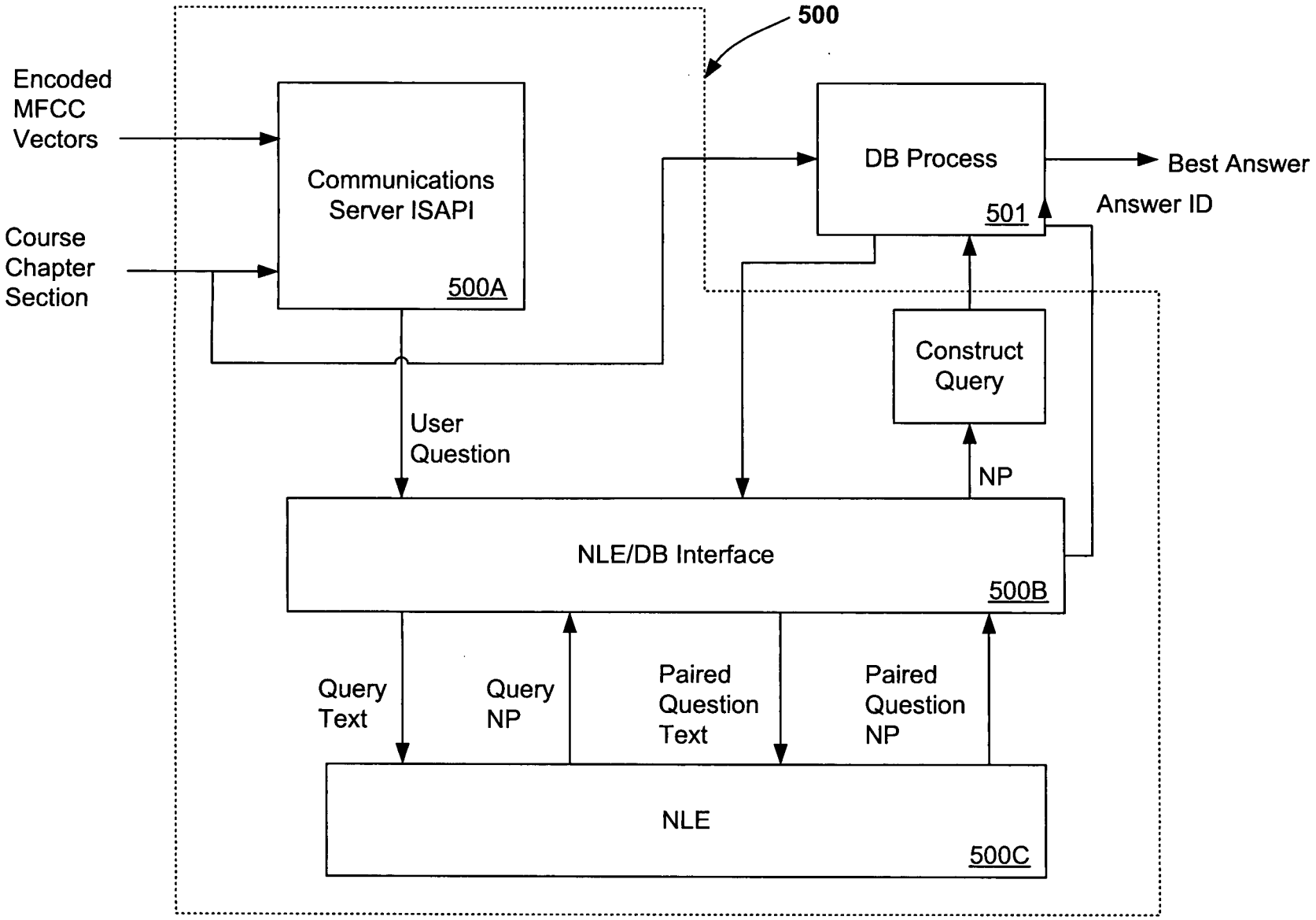

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Fig.6

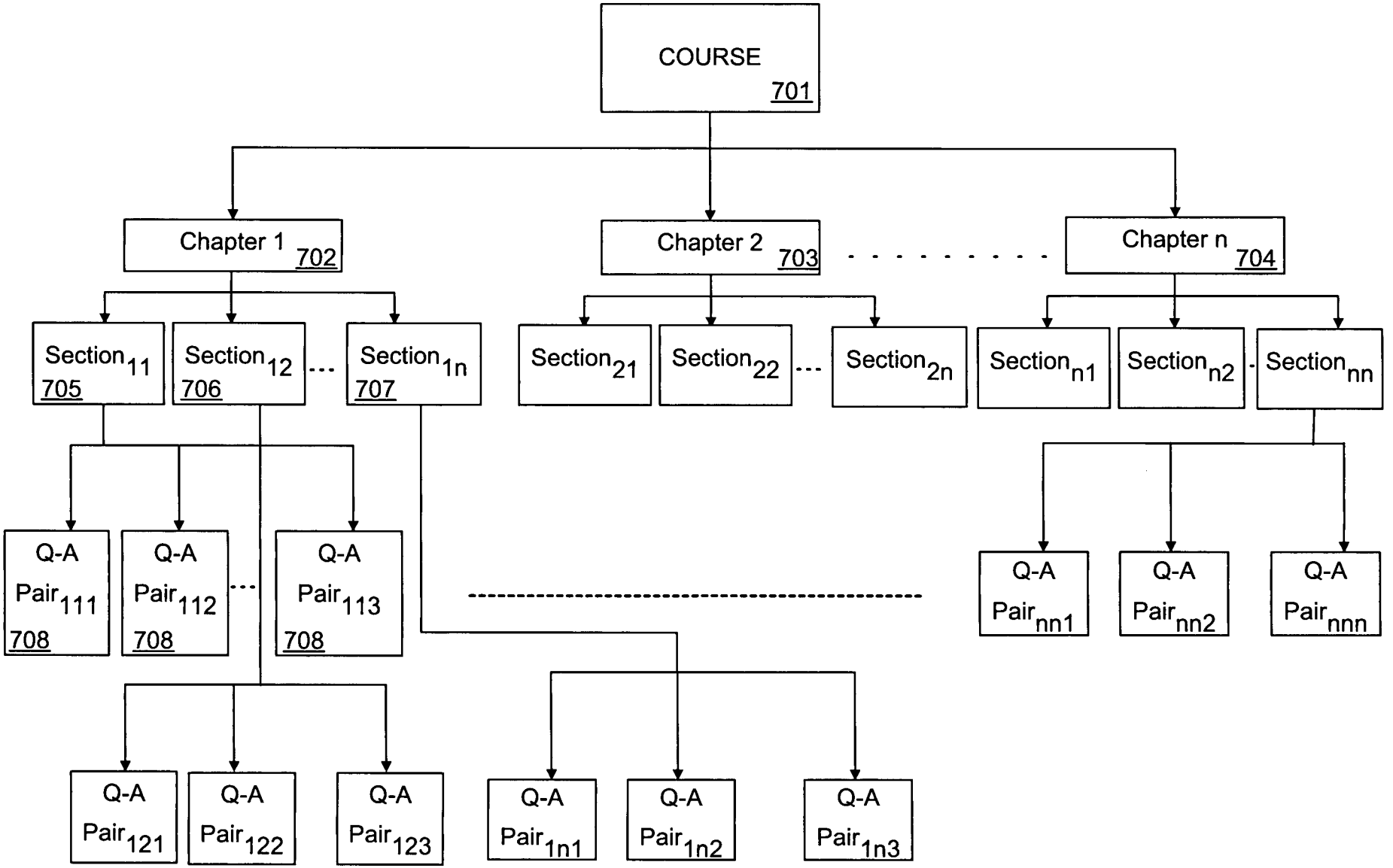

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Fig.7A

FIELD NAME 701A	DATA TYPE 702A	SIZE 703A	NULL 704A	PRIMARY KEY 705A	INDEXED? 706A
ChapterName 707A	Varchar	255	No	No	Yes
SectionName 708A	Varchar	255	No	No	Yes

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Fig. 7B

FIELD NAME 720	DATA TYPE 721	SIZE 722	NULL 723	PRIMARY KEY 724	INDEXED? 725
Chapter_ID 726	Integer		No	Yes	Yes
Answer_ID 727	Char	5	No	UNIQUE	Yes
Section_Name 728	Varchar	255	No	UNIQUE	Yes
Answer_Title 729	Varchar	255	Yes	No	Yes
PairedQuestion 730	Text	16	No	No	Yes (Full-Text)
AnswerPath 731	Varchar	255	No	No	Yes
Creator 732	Varchar	50	No	No	Yes
Date_of_Creation 733	Date	-	No	No	Yes
Date_of_Modification 734	Date	-	No	No	Yes

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Fig. 7C

Field 720	Description 735
AnswerID 727	An integer - automatically incremented for user convenience
Section_Name 728	Name of section to which the particular record belongs. This field along with AnswerID has to be made primary key
Answer_Title 729	A short description of the answer
PairedQuestion 730	Contains one or more combinations of questions for the related answer whose path is stored in the next column AnswerPath
AnswerPath 731	Contains the path of text file, which contains theanswer to the rleated qusetions stored in the previous column
Creator 732	Name of content creator
Date_of_Creation 733	Date on which content has been added
Date_of_Modification 734	Date on which content has been changed or modified

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Fig. 7D

FIELD 740	DATA TYPE 741	SIZE 742	NULL 743	PRIMARY KEY 744	INDEXED 745
Answer_ID 746	Char	5	No	Yes	Yes
Answer_Title 747	Varchar	255	Yes	No	No
PairedQuestion 748	Text	16	No	No	Yes (Full-Text)
Answer_Path 749	Varchar	255	No	No	No
Creator 750	Varchar	50	No	No	No
Date_of_Creation 751	Date	-	No	No	No
Date_of_Modification 752	Date	-	No	No	No

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Fig. 8

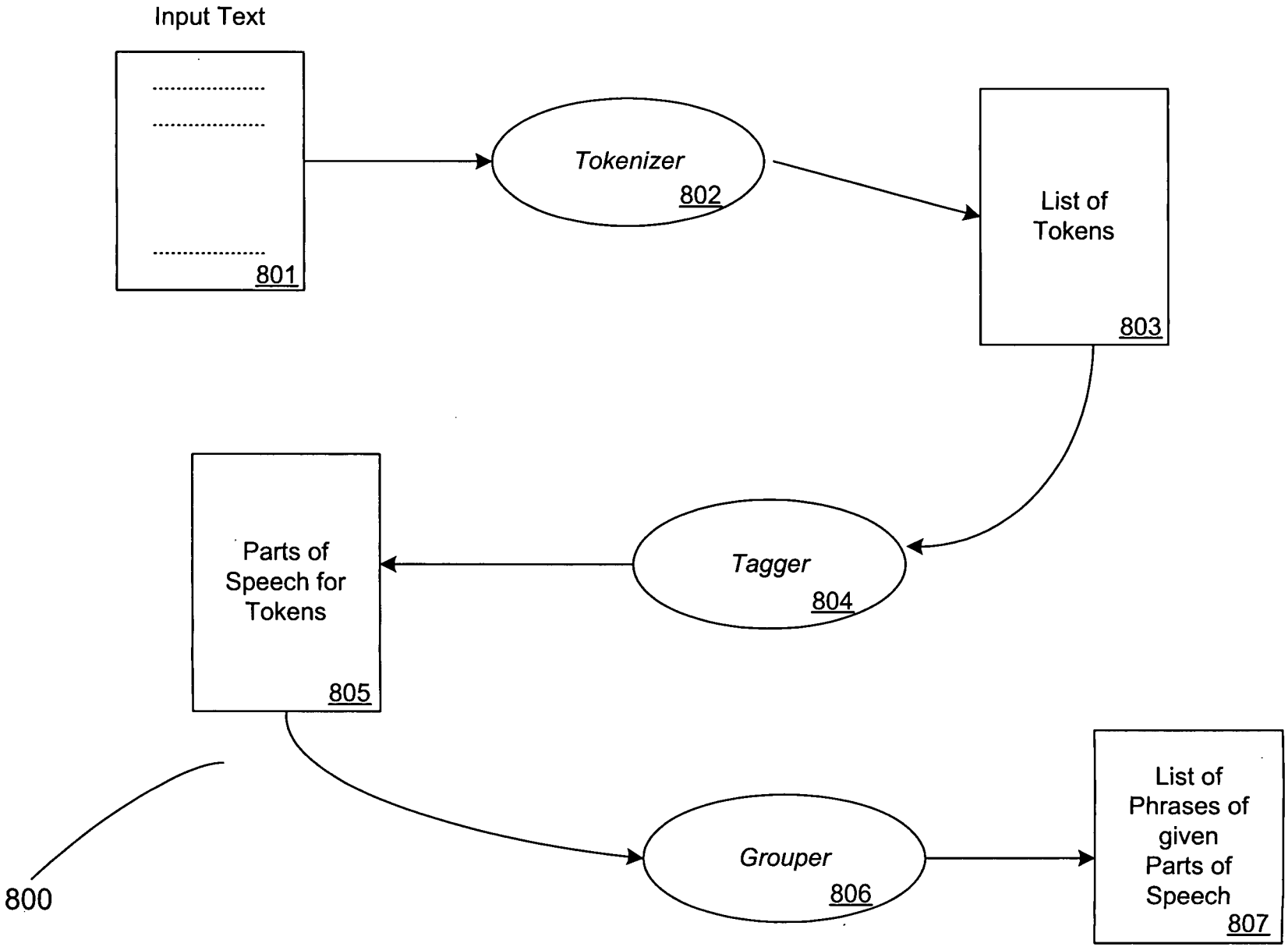

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Fig. 9

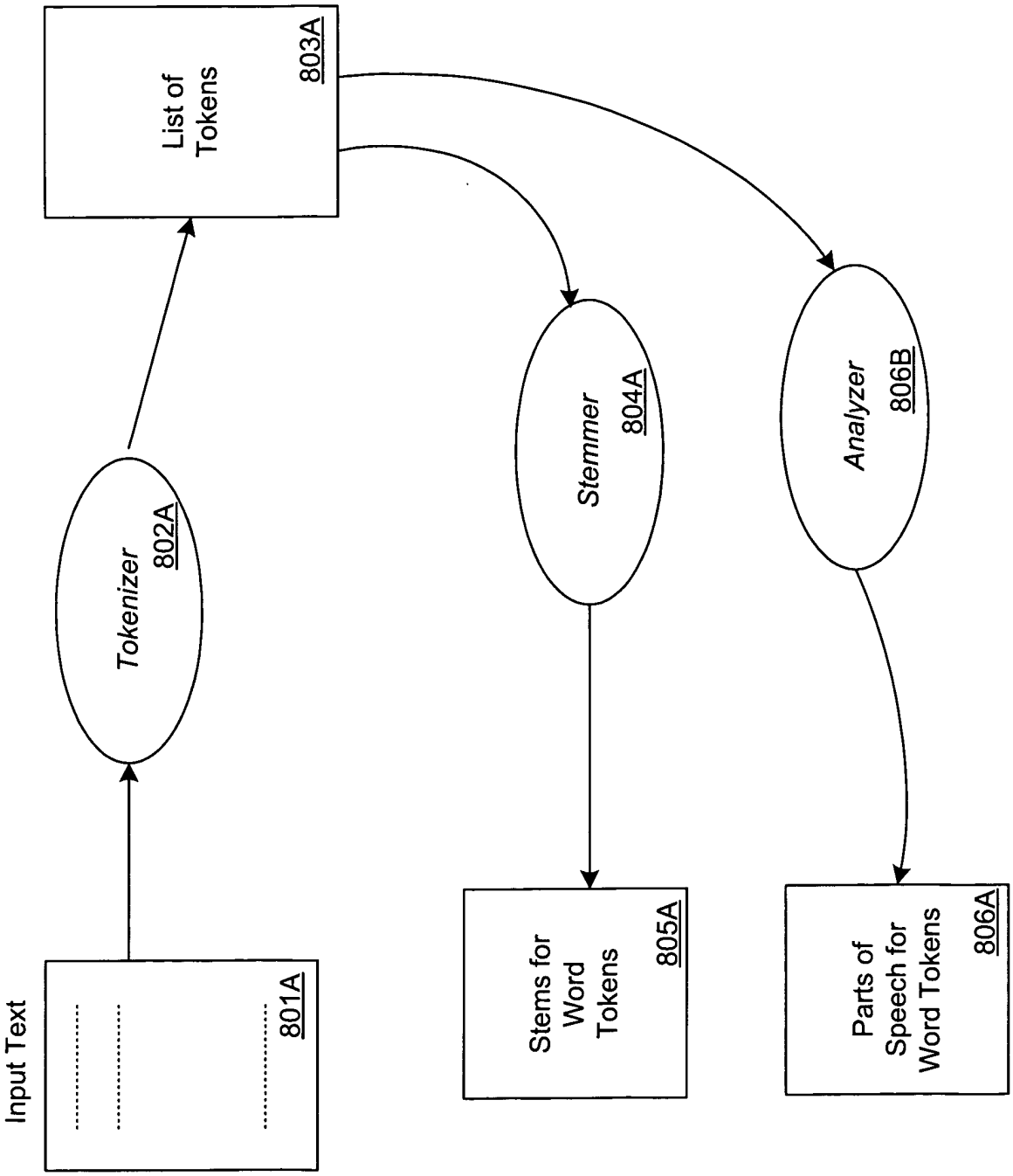

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Fig. 10

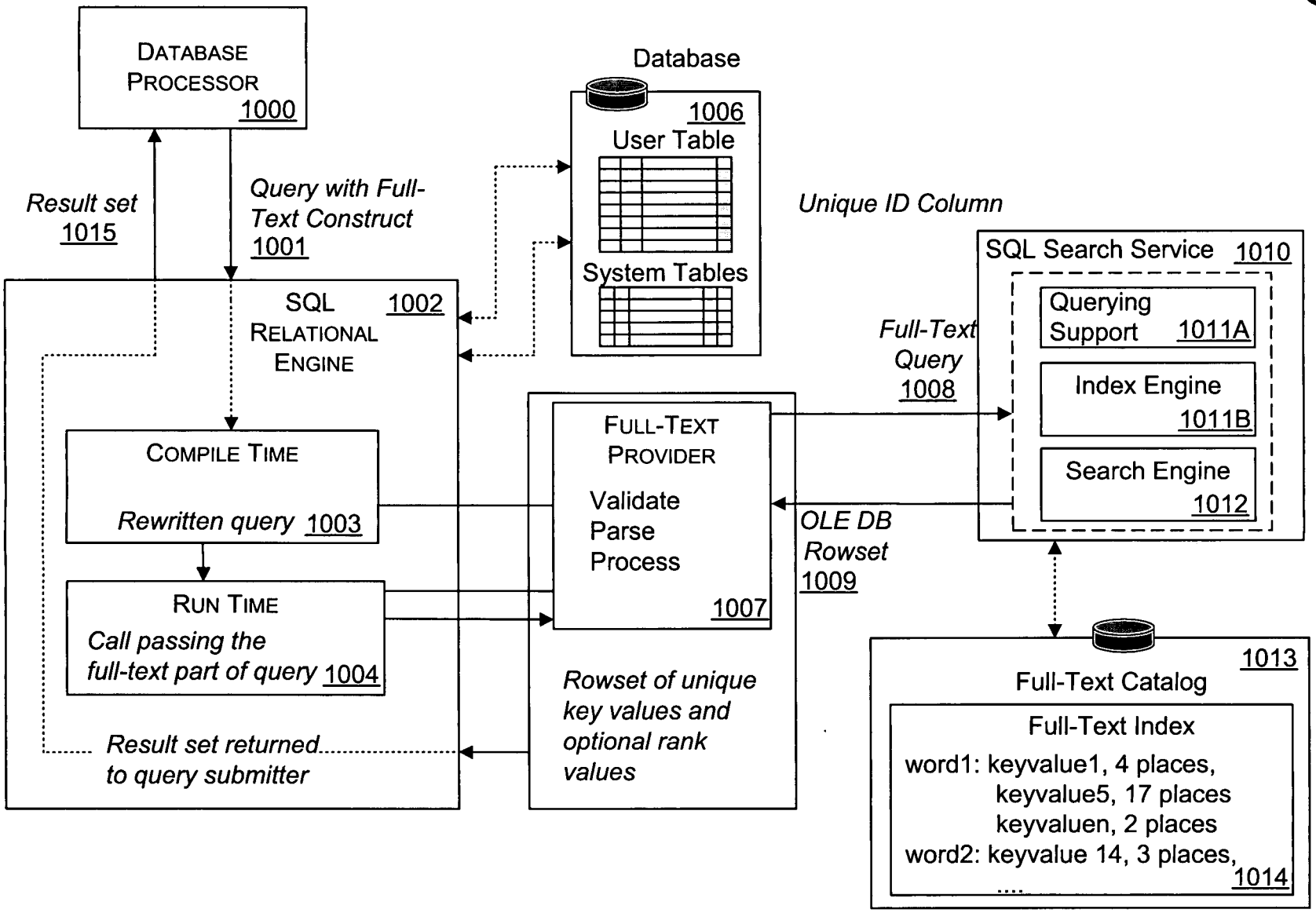

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Fig. 11A

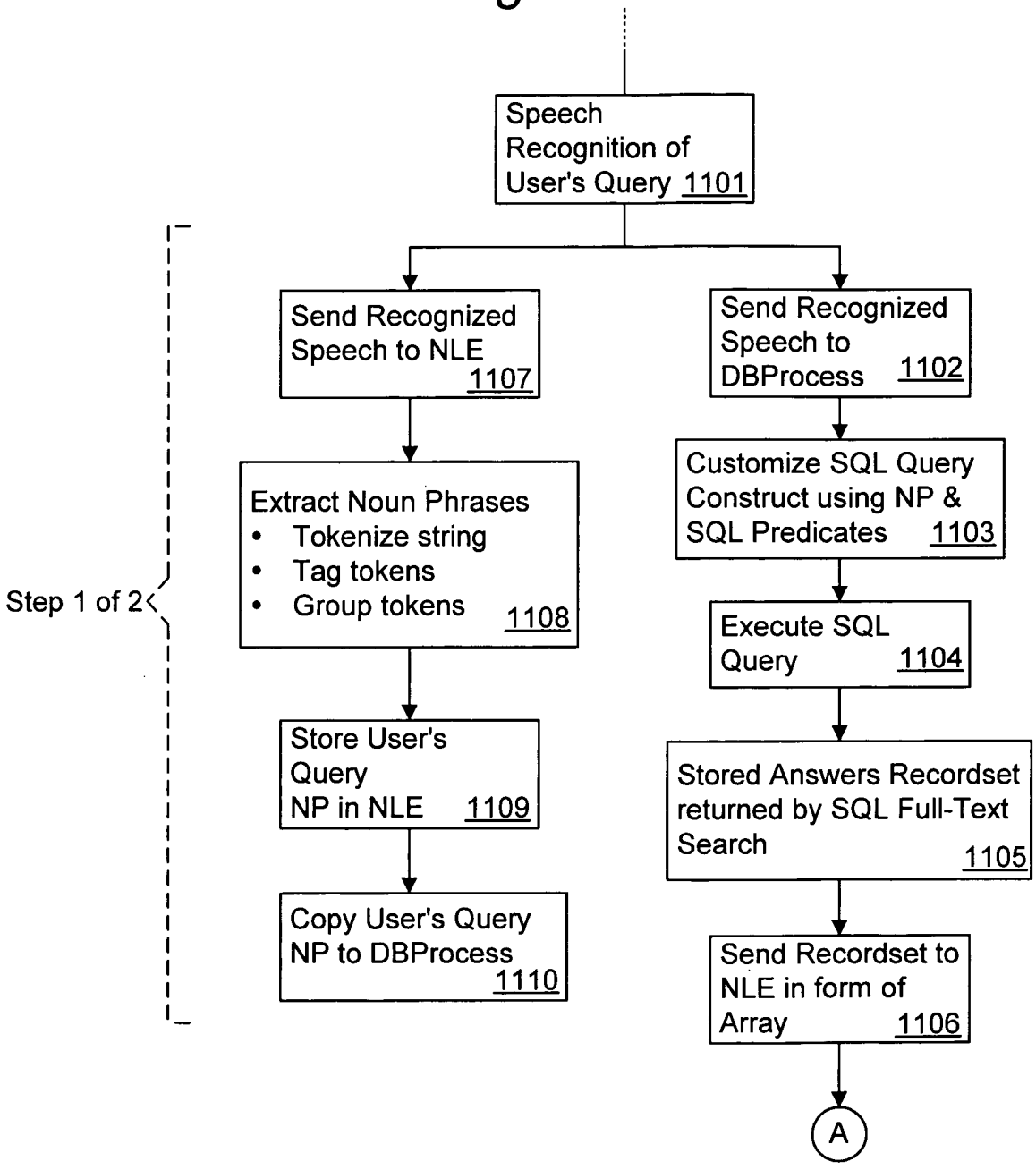

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Fig. 11B

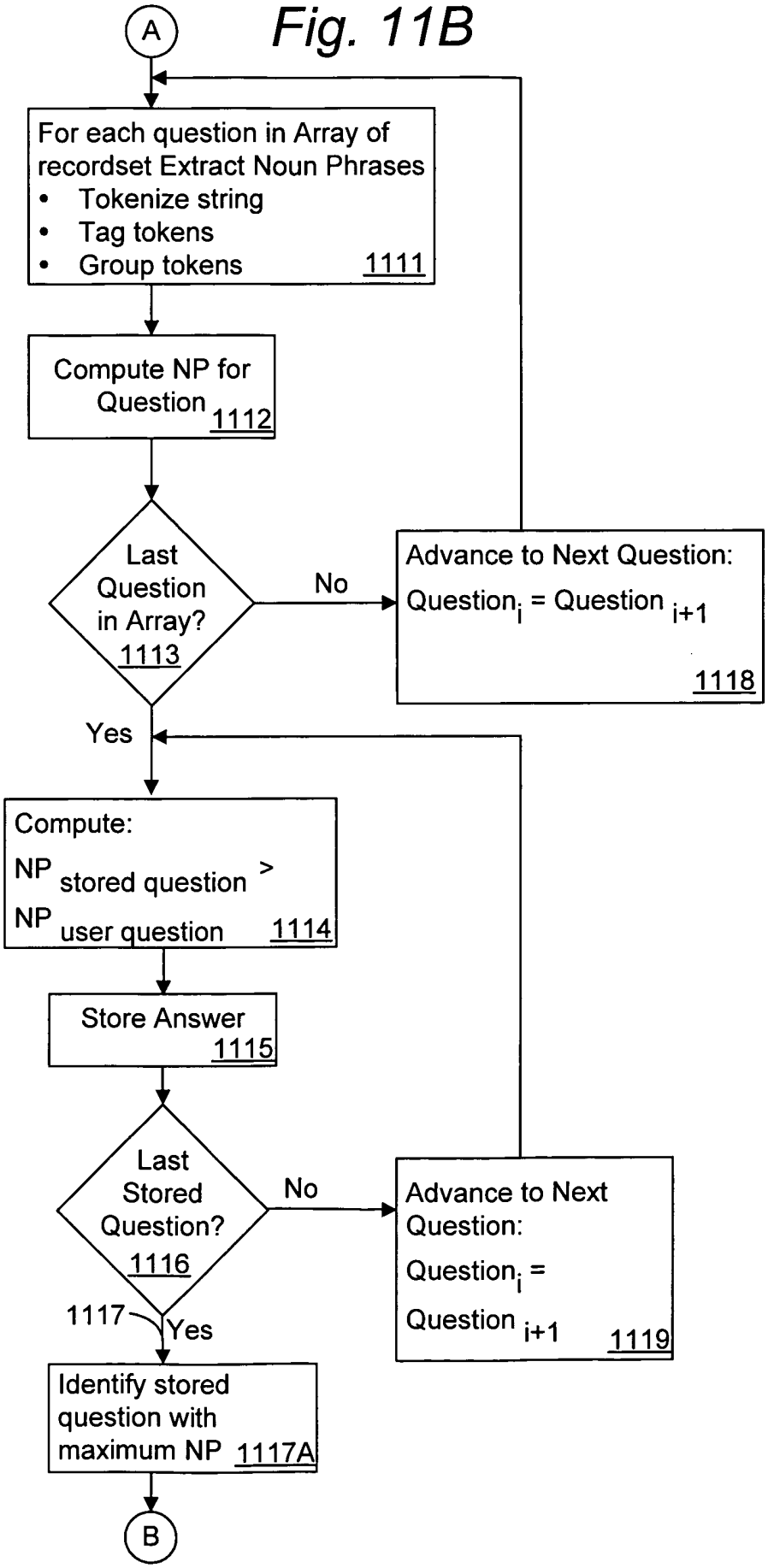

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Fig. 11C

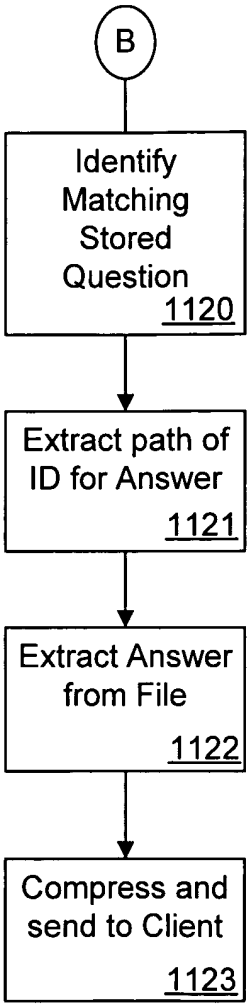

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Fig. 12

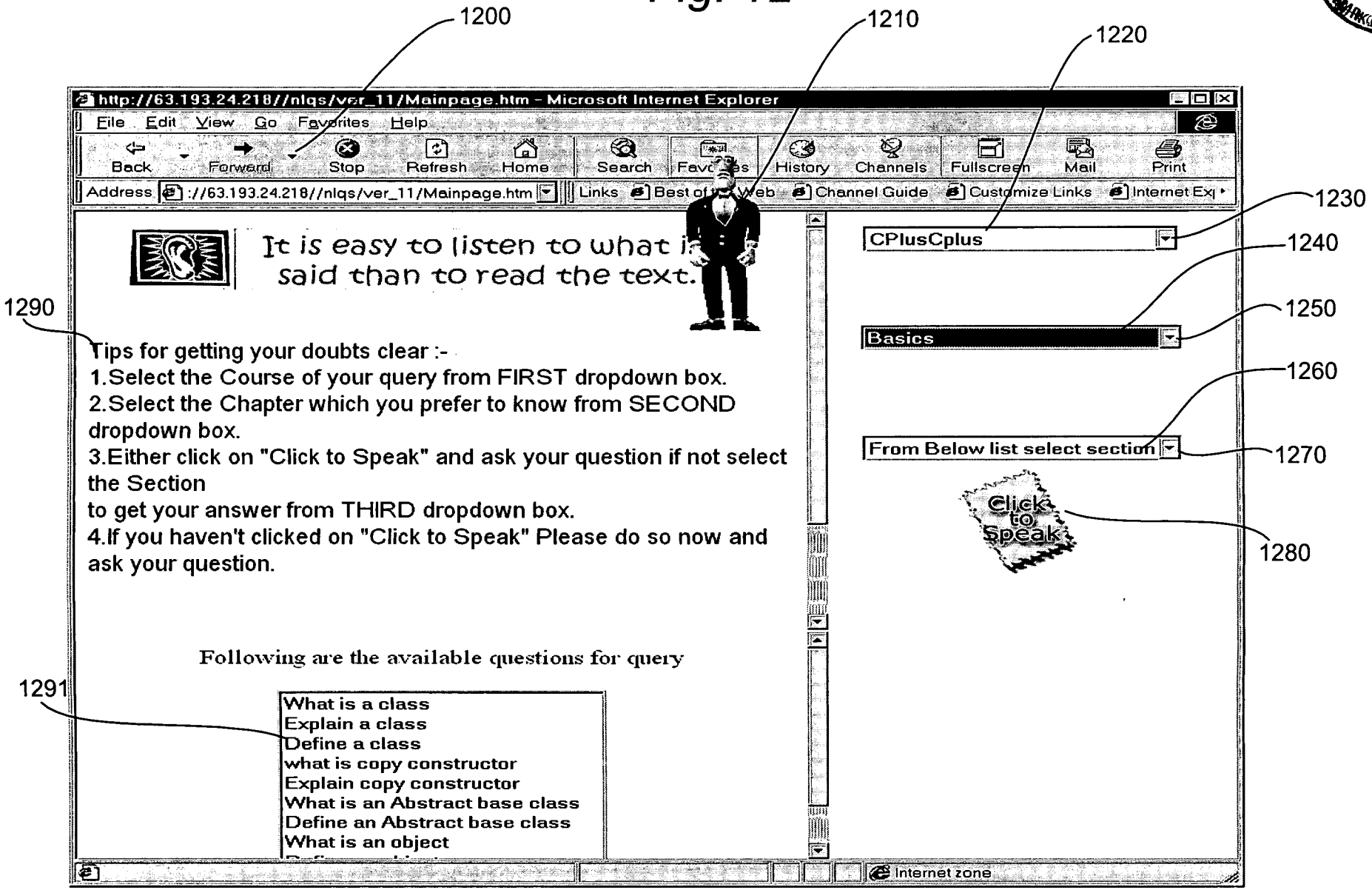

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Fig. 13

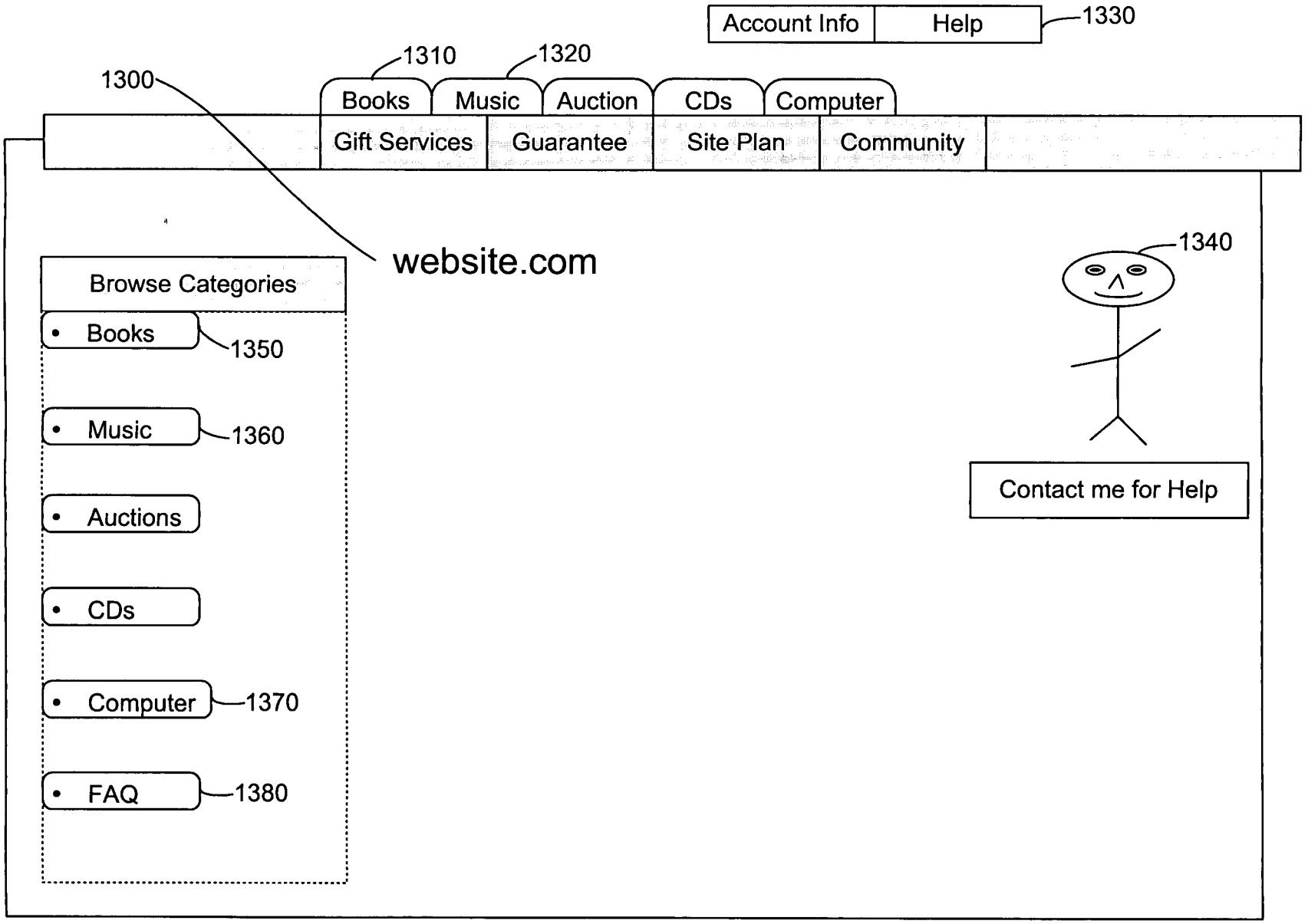

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Fig. 14

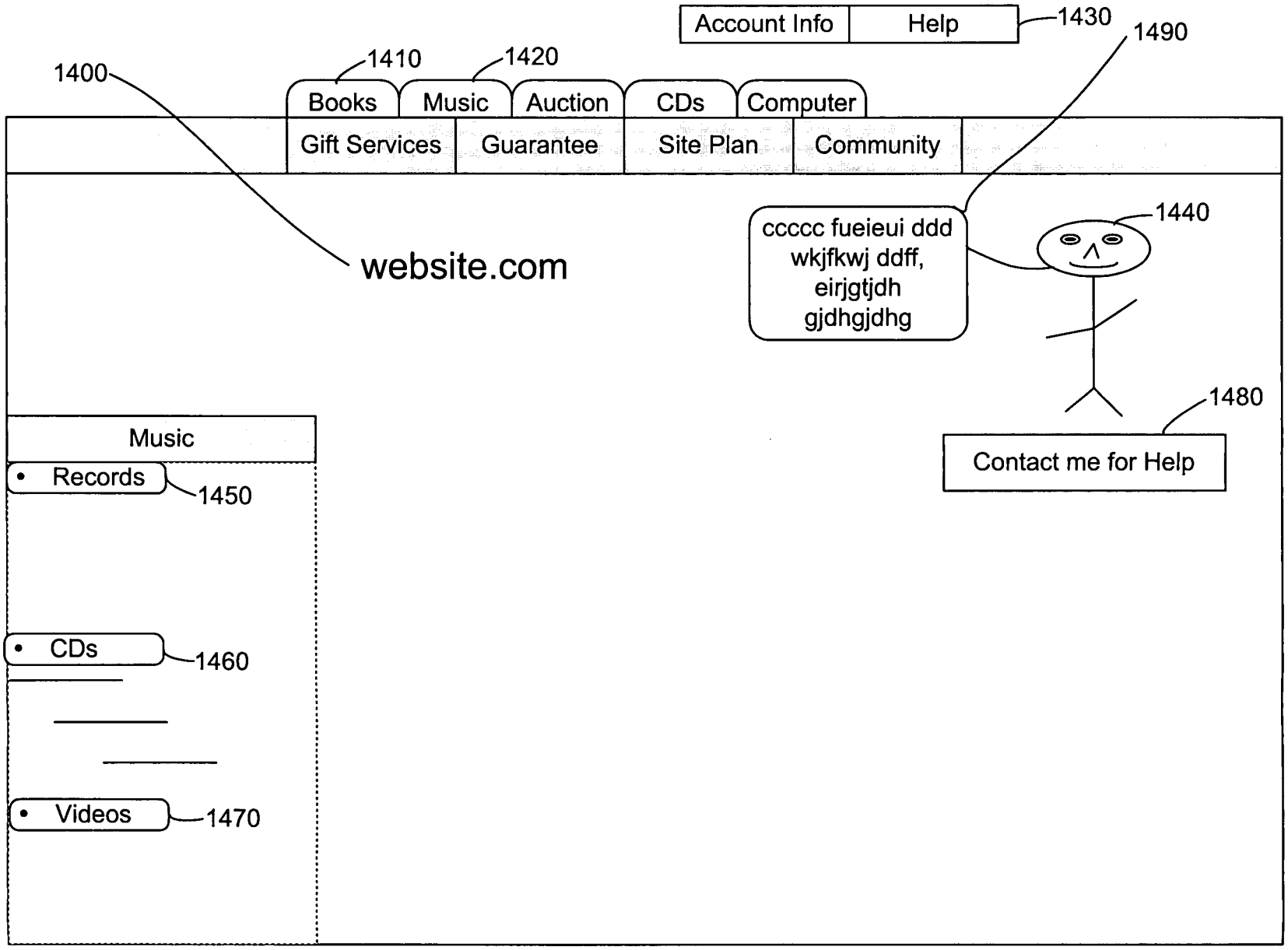

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Fig. 15

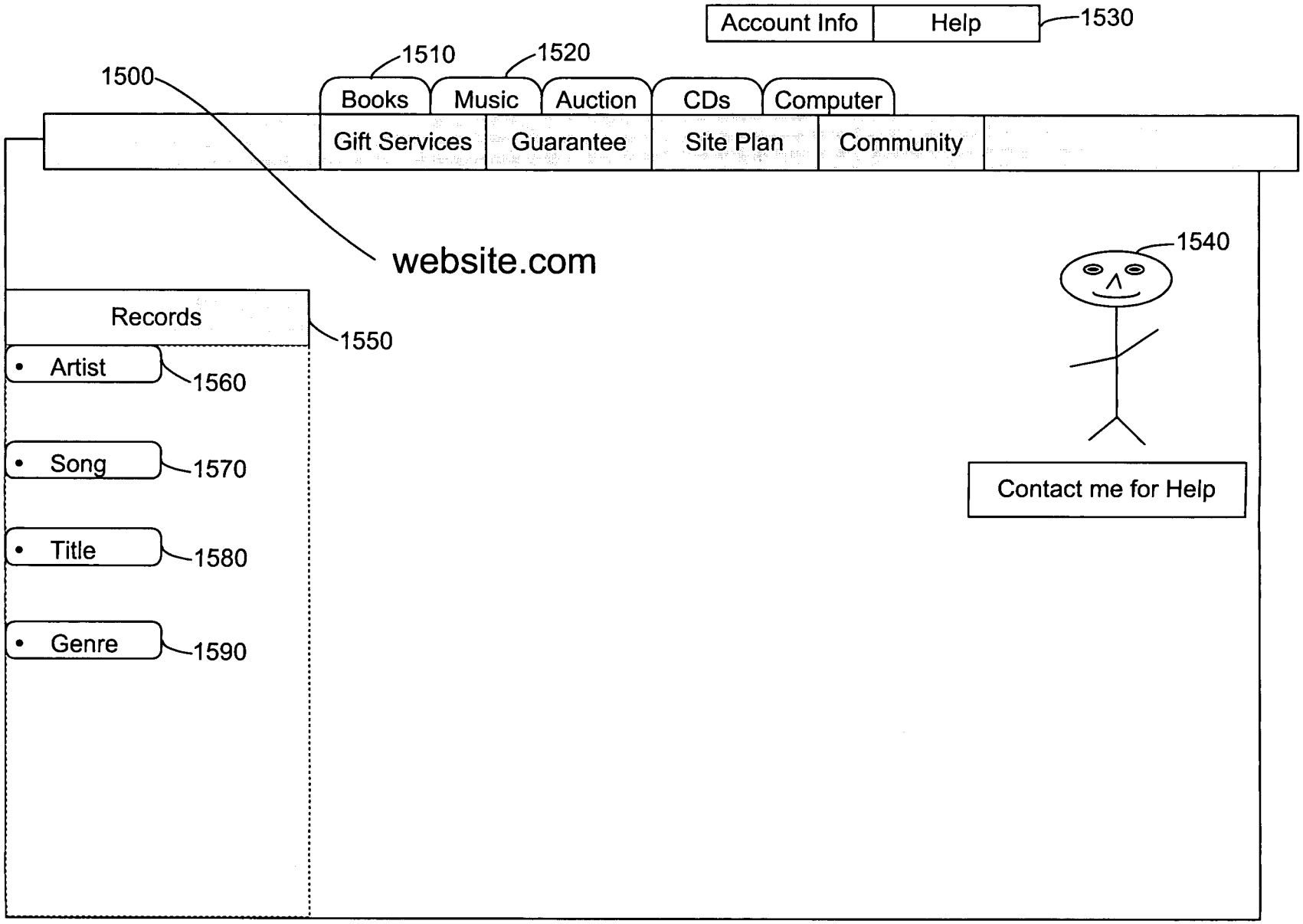

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Fig. 16

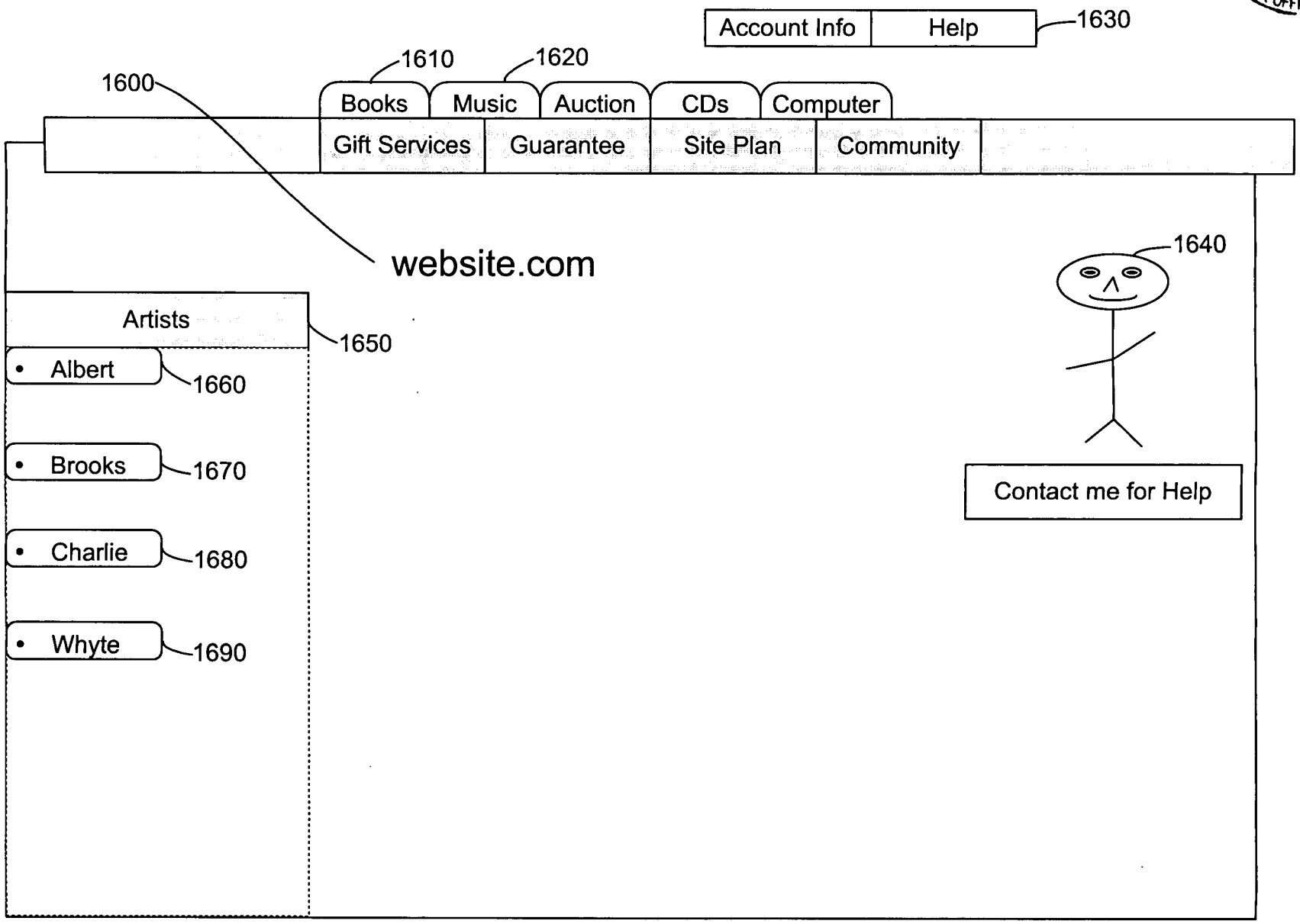

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Fig. 17

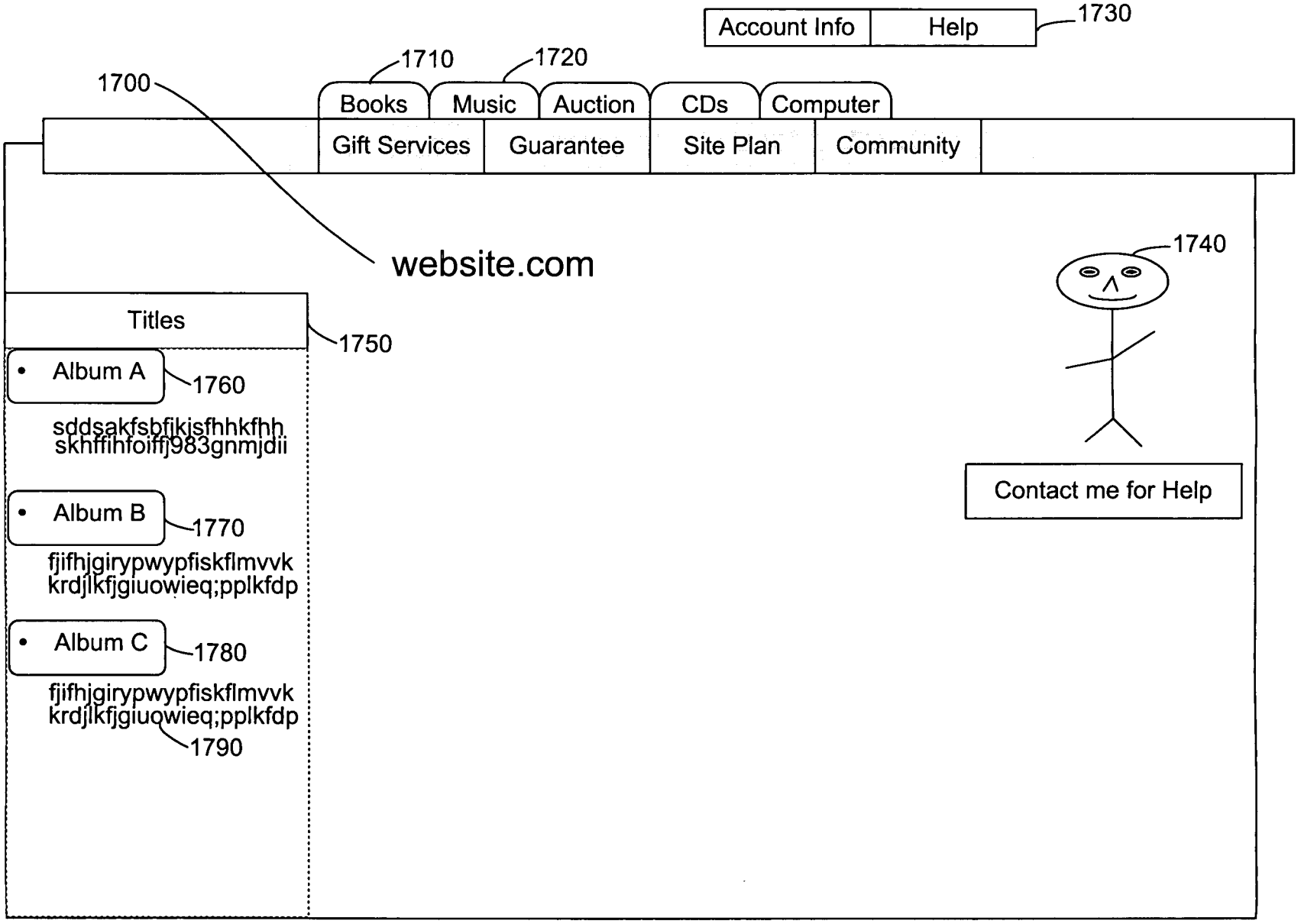

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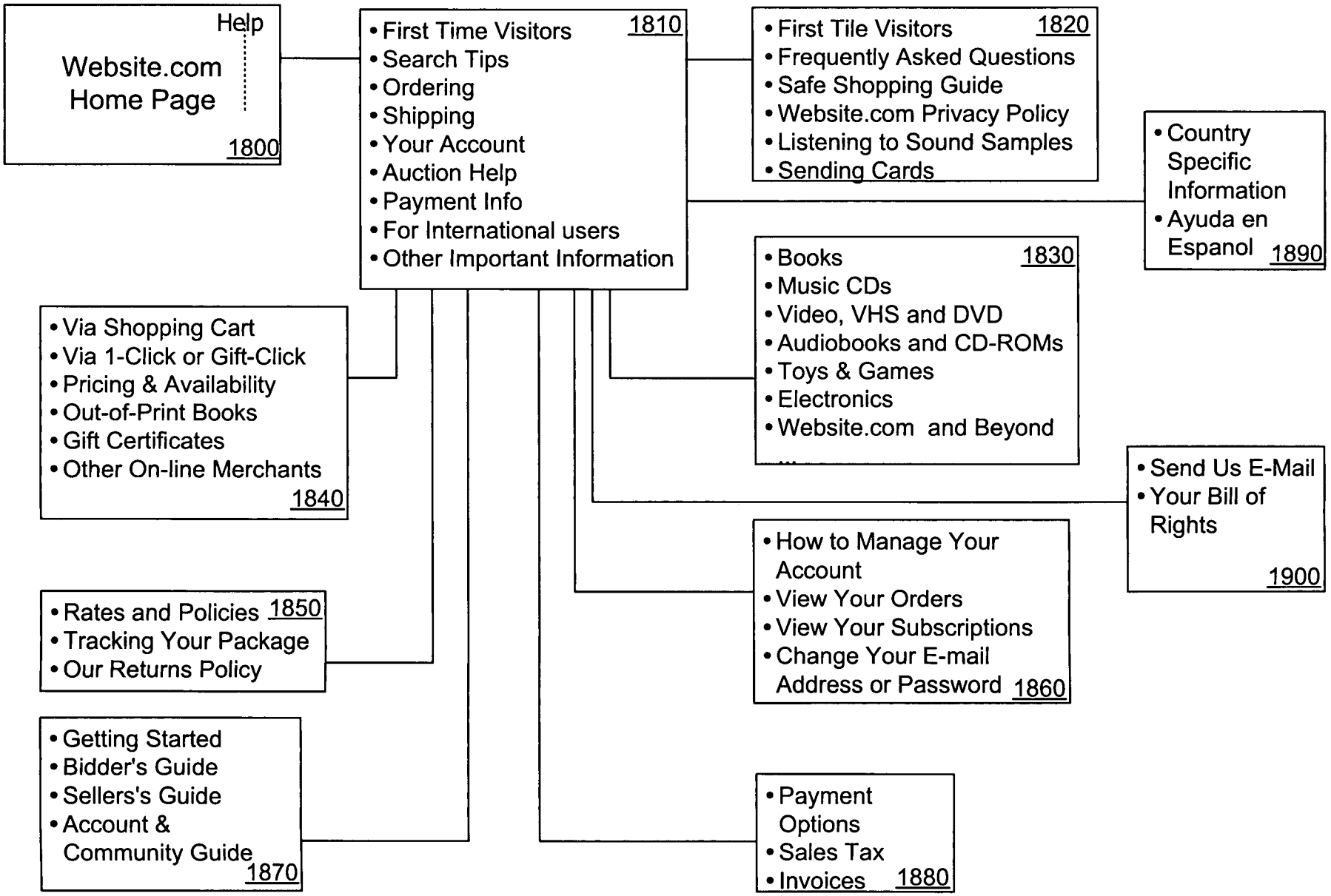
Fig. 18 (Page 1/2)



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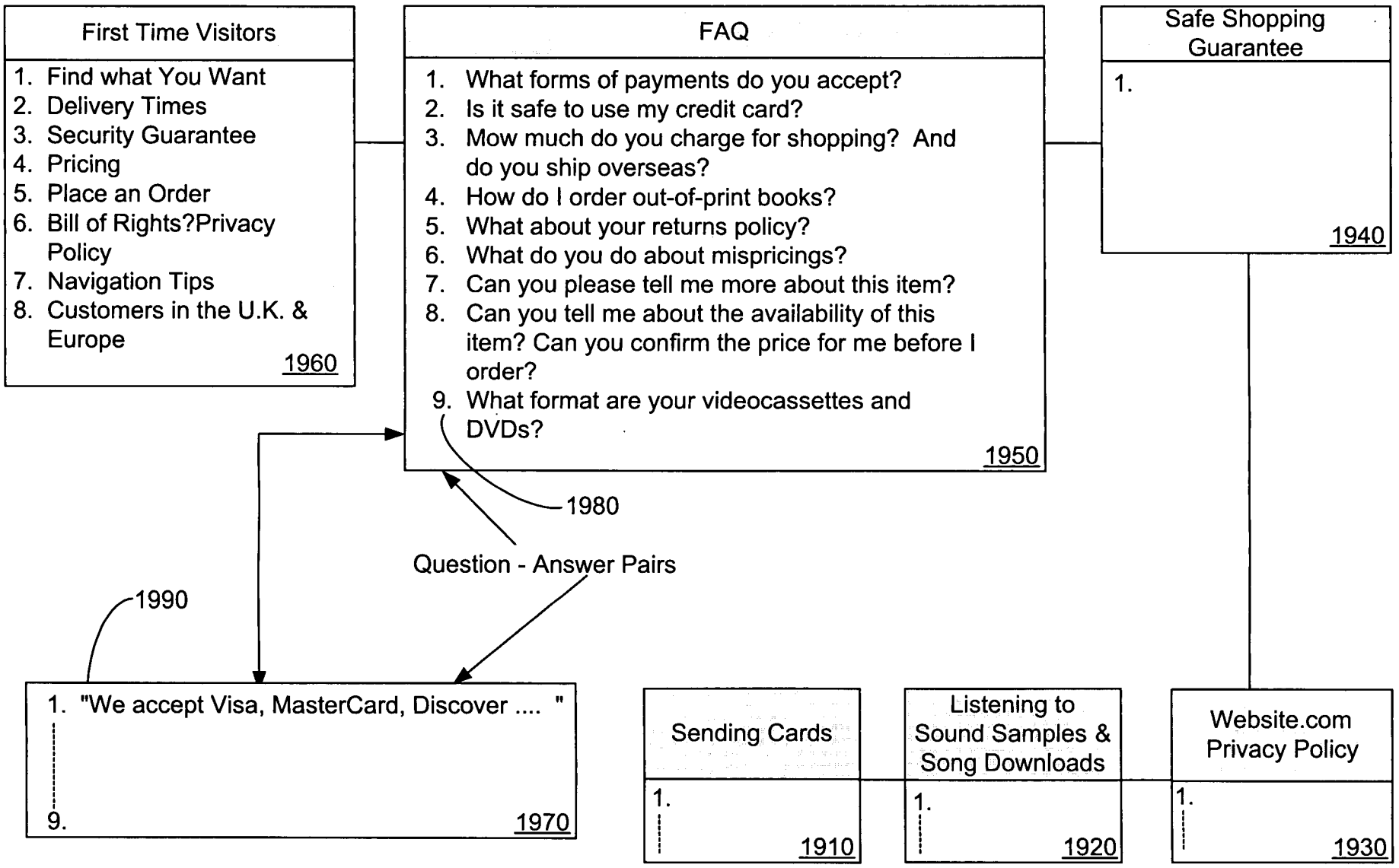
Fig. 18 (Page 2/2)